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Substitute for form 1449/PTO				Complete if Known	
				Application Number	10/730,456-Conf. #2923
				Filing Date	December 8, 2003
				First Named Inventor	Robert Metzger
				Art Unit	3733
				Examiner Name	J. L. Swiger
Sheet	1	of	9	Attorney Docket Number	5490-000317/US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JLS/	AA*	US-1,763,730	06-17-1930	Von Lackum	
	AB*	US-1,959,615	05-22-1934	Derrah	
	AC*	US-2,433,815	12-30-1947	LaForge	
	AD*	US-2,455,655	12-07-1948	Carroll	
	AE*	US-2,702,550	02-22-1955	Rowe	
	AF*	US-2,724,326	11-22-1955	Long	
	AG*	US-2,955,530	10-11-1960	Nilo	
	AH*	US-20010034554-A1	10-25-2001	Pappas	
	AI*	US-20010037155-A1	11-01-2001	Merchant	
	AJ*	US-20020029038-A1	03-07-2002	Haines	
	AK*	US-20020029045-A1	03-07-2002	Bonutti	
	AL*	US-20020052606-A1	05-02-2002	Bonutti	
	AM*	US-20020116023-A1	08-22-2002	Fletcher et al.	
	AN*	US-20020173797-A1	11-21-2002	Van Zile et al.	
	AO*	US-20020198529-A1	12-26-2002	Masini	
	AP*	US-20020198531-A1	12-26-2002	Millard et al.	
	AQ*	US-20030028196-A1	02-06-2003	Bonutti	
	AR*	US-20030060831-A1	03-27-2003	Bonutti	
	AS*	US-20030100906-A1	05-29-2003	Rosa et al.	
	AT*	US-20030100907-A1	05-29-2003	Rosa et al.	
	AU*	US-20030130665-A1	07-10-2003	Pinczewski et al.	
	AV*	US-20030171757-A1	09-11-2003	Coon et al.	
	AW*	US-20030212403-A1	11-13-2003	Swanson	
	AX*	US-20030216741-A1	11-20-2003	Sanford et al.	
	AY*	US-20030220641-A1	11-27-2003	Thelen et al.	
	AZ*	US-20030225413-A1	12-04-2003	Sanford et al.	
	AA1*	US-20040039395-A1	02-26-2004	Coon et al.	
	AB1*	US-3,048,522	08-07-1962	Velley	
	AC1*	US-3,229,006	04-05-1962	Nohl	
	AD1*	US-3,514,791	06-02-1970	Sparks	
	AE1*	US-3,554,197	01-12-1971	Dobbie et al.	
	AF1*	US-3,624,747	11-30-1971	McKnight et al.	
	AG1*	US-3,631,596	01-04-1972	Glaus et al.	
	AH1*	US-3,678,934	07-25-1972	Warfield et al.	
	AI1*	US-3,698,017	10-17-1972	Scales et al.	
	AJ1*	US-3,703,036	11-21-1972	Karubian	
	AK1*	US-3,774,244	11-27-1973	Walker	
	AL1*	US-3,807,393	04-30-1974	McDonald	
	AM1*	US-3,811,449	05-21-1974	Gravlee et al.	
	AN1*	US-3,869,731	03-11-1975	Waugh et al.	
	AO1*	US-3,903,549	09-09-1975	Deyerle	
	AP1*	US-3,905,105	09-16-1975	Tuke et al.	

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/JLS/	AQ1*	US-3,905,374	09-16-1975	Winter
	AR1*	US-3,911,923	10-14-1975	Yoon
	AS1*	US-3,913,585	10-21-1975	Wolvek
	AT1*	US-3,920,022	11-18-1975	Pastor
	AU1*	US-3,967,625	07-06-1976	Yoon
	AV1*	US-3,989,049	11-02-1976	Yoon
	AW1*	US-3,991,426	11-16-1976	Flom et al.
	AX1*	US-3,994,287	11-30-1976	Turp et al.
	AY1*	US-4,053,953	10-18-1977	Flom et al.
	AZ1*	US-4,055,862	11-01-1977	Farling
	AA2*	US-4,081,866	04-04-1978	Upshaw et al.
	AB2*	US-4,085,466	04-25-1978	Goodfellow et al.
	AC2*	US-4,085,743	04-25-1978	Yoon
	AD2*	US-4,103,680	08-01-1978	Yoon
	AE2*	US-4,299,224	11-10-1981	Noiles
	AF2*	US-4,304,178	12-08-1981	Haberle et al.
	AG2*	US-4,311,145	01-19-1982	Esty et al.
	AH2*	US-4,344,193	08-17-1982	Kenny
	AI2*	US-4,349,018	09-14-1982	Chambers
	AJ2*	US-4,373,709	02-15-1983	Whitt
	AK2*	US-4,374,523	02-22-1983	Yoon
	AL2*	US-4,385,404	05-31-1983	Sully et al.
	AM2*	US-4,386,609	06-07-1983	Mongeon
	AN2*	US-4,400,833	08-30-1983	Kurland
	AO2*	US-4,453,421	06-12-1984	Umano et al.
	AP2*	US-4,501,269	02-26-1985	Bagby
	AQ2*	US-4,509,518	04-09-1985	McGarry et al.
	AR2*	US-4,516,276	05-14-1985	Mittelmeier et al.
	AS2*	US-4,545,375	10-08-1985	Cline
	AT2*	US-4,554,686	11-26-1985	Baker
	AU2*	US-4,562,598	01-07-1986	Kranz et al.
	AV2*	US-4,565,192	01-21-1986	Shapiro
	AW2*	US-4,574,794	03-11-1986	Cooke et al.
	AX2*	US-4,619,391	10-28-1986	Sharkany et al.
	AY2*	US-4,624,254	11-25-1986	McGarry et al.
	AZ2*	US-4,641,648	02-10-1987	Shapiro
	AA3*	US-4,642,120	02-10-1987	Nevo et al.
	AB3*	US-4,662,372	05-05-1987	Sharkany et al.
	AC3*	US-4,678,470	07-07-1987	Nashef et al.
	AD3*	US-4,682,598	07-28-1987	Beraha
	AE3*	US-4,685,460	08-11-1987	Thornton
	AF3*	US-4,711,233	12-08-1987	Brown
	AG3*	US-4,718,413	01-12-1988	Johnson
✓	AH3*	US-4,718,916	01-12-1988	Morscher et al.
	AI3*	US-4,739,751	04-26-1988	Sapega et al.
/JLS/	AJ3*	US-4,794,854	01-03-1989	Swaim

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/JLS	AK3*	US-4,817,602	04-04-1989	Beraha
	AL3*	US-4,834,757	05-30-1989	Brantigan
	AM3*	US-4,838,891	06-13-1989	Branemark et al.
	AN3*	US-4,863,472	09-05-1989	Tormala et al.
	AO3*	US-4,888,022	12-19-1989	Huebsch
	AP3*	US-4,911,721	03-27-1990	Andergaten 3 et al.
	AQ3*	US-4,935,023	06-19-1990	Whiteside et al.
	AR3*	US-4,936,852	06-26-1990	Kent, John N et al.
	AS3*	US-4,950,296	08-21-1990	McIntyre
	AT3*	US-4,961,740	10-09-1990	Ray et al.
	AU3*	US-4,961,954	10-09-1990	Goldberg et al.
	AV3*	US-4,964,865	10-23-1990	Burkhead et al.
	AW3*	US-4,979,949	12-25-1990	Matsen, III et al.
	AX3*	US-4,979,957	12-25-1990	Hodorek
	AY3*	US-4,985,038	01-15-1991	Lyell
	AZ3*	US-5,007,912	04-16-1991	Albrektsson et al.
	AA4*	US-5,015,247	05-14-1991	Michelson
	AB4*	US-5,032,132	07-16-1991	Matsen, III et al.
	AC4*	US-5,060,678	10-29-1991	Bauman et al.
	AD4*	US-5,061,286	10-29-1991	Lyle
	AE4*	US-5,062,843	11-05-1991	Mahony, III
	AF4*	US-5,073,373	12-17-1991	O'Leary et al.
	AG4*	US-5,082,670	01-21-1992	Gage et al.
	AH4*	US-5,084,050	01-28-1992	Draenert et al.
	AI4*	US-5,092,869	03-03-1992	Waldron
	AJ4*	US-5,098,437	03-24-1992	Kashuba et al.
	AK4*	US-5,099,859	03-31-1992	Bell
	AL4*	US-5,100,689	03-31-1992	Goldberg et al.
	AM4*	US-5,101,720	04-07-1992	Bianchi
	AN4*	US-5,108,441	04-28-1992	McDowell
	AO4*	US-5,111,987	05-12-1992	Moeinzadeh et al.
	AP4*	US-5,122,144	06-16-1992	Bert et al.
	AQ4*	US-5,123,906	06-23-1992	Kelman
	AR4*	US-5,129,909	07-14-1992	Sutherland
	AS4*	US-5,147,365	09-15-1992	Whitlock et al.
	AT4*	US-5,152,744	10-06-1992	Krause et al.
	AU4*	US-5,152,778	10-06-1992	Bales, Jr. et al.
	AV4*	US-5,154,717	10-13-1992	Matsen, III et al.
	AW4*	US-5,162,506	11-10-1992	Hadden et al.
	AX4*	US-5,163,949	11-17-1992	Bonutti
	AY4*	US-5,170,800	12-15-1992	Smith et al.
	AZ4*	US-5,171,243	12-15-1992	Kashuba et al.
	AA5*	US-5,171,244	12-15-1992	Caspary et al.
V	AB5*	US-5,171,276	12-15-1992	Caspary et al.
	AC5*	US-5,174,300	12-29-1992	Bales et al.
/JLS	AD5*	US-5,176,702	01-05-1993	Bales et al.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/730,456-Conf. #2923
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Sheet	4	of	9	First Named Inventor	Robert Metzger
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/JLS/	AE5*	US-5,178,622	01-12-1993	Lehner, II	
	AF5*	US-5,183,053	02-02-1993	Yeh et al.	
	AG5*	US-5,183,464	02-02-1993	Dubrul et al.	
	AH5*	US-5,186,178	02-16-1993	Yeh et al.	
	AI5*	US-5,192,327	03-09-1993	Brantigan	
	AJ5*	US-5,197,968	03-30-1993	Clement	
	AK5*	US-5,197,971	03-30-1993	Bonutti	
	AL5*	US-5,197,987	03-30-1993	Koch et al.	
	AM5*	US-5,204,106	04-20-1993	Schepers et al.	
	AN5*	US-5,207,680	05-04-1993	Dietz et al.	
	AO5*	US-5,207,692	05-04-1993	Kraus et al.	
	AP5*	US-5,217,463	06-08-1993	Mikhail W. F. Michael	
	AQ5*	US-5,228,459	07-20-1993	Caspary et al.	
	AR5*	US-5,234,433	08-10-1993	Bert et al.	
	AS5*	US-5,258,004	11-02-1993	Bales et al.	
	AT5*	US-5,263,498	11-23-1993	Caspary et al.	
	AU5*	US-5,263,987	11-23-1993	Shah	
	AV5*	US-5,269,785	12-14-1993	Bonutti	
	AW5*	US-5,273,524	12-28-1993	Fox et al.	
	AX5*	US-5,275,166	01-04-1994	Vaitekunas et al.	
	AY5*	US-5,275,603	01-04-1994	Ferrante et al.	
	AZ5*	US-5,282,803	02-01-1994	Lackey	
	AA6*	US-5,285,773	02-15-1994	Bonutti et al.	
	AB6*	US-5,293,878	03-15-1994	Bales et al.	
	AC6*	US-5,295,994	03-22-1994	Bonutti	
	AD6*	US-5,304,181	04-19-1994	Caspary et al.	
	AE6*	US-5,306,285	04-26-1994	Miller et al.	
	AF6*	US-5,308,349	05-03-1994	Mikhail	
	AG6*	US-5,314,482	05-24-1994	Goodfellow et al.	
	AH6*	US-5,322,505	06-21-1994	Krause et al.	
	AI6*	US-5,329,845	07-19-1994	Bichel	
	AJ6*	US-5,342,367	08-30-1994	Ferrante et al.	
	AK6*	US-5,342,368	08-30-1994	Petersen	
	AL6*	US-5,344,423	09-06-1994	Dietz et al.	
	AM6*	US-5,344,458	09-06-1994	Bonutti	
	AN6*	US-5,348,541	09-20-1994	Lyell	
	AC6*	US-5,364,402	11-15-1994	Mumme et al.	
	AP6*	US-5,368,599	11-29-1994	Hirsch et al.	
	AC6*	US-5,379,133	01-03-1995	Kirk	
	AR6*	US-5,382,249	01-17-1995	Fletcher	
	AS6*	US-5,383,937	01-24-1995	Mikhail	
	AT6*	US-5,390,683	02-21-1995	Pisharodi	
	AU6*	US-5,395,376	03-07-1995	Caspary et al.	
✓	AV6*	US-5,425,355	06-20-1995	Kulick	
	AW6*	US-5,425,745	06-20-1995	Green et al.	
	/JLS/	AX6*	US-5,443,475	08-22-1995	Auerbach et al.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>					

/JLS/	AY6*	US-5,445,639	08-29-1995	Kuslich et al.
	AZ6*	US-5,445,642	08-29-1995	McNulty et al.
	AA7*	US-5,454,365	10-03-1995	Bonutti
	AB7*	US-5,454,815	10-03-1995	Geisser et al.
	AC7*	US-5,454,816	10-03-1995	Ashby et al.
	AD7*	US-5,456,268	10-10-1995	Bonutti
	AE7*	US-5,472,415	12-05-1995	King et al.
	AF7*	US-5,484,095	01-16-1996	Green et al.
	AG7*	US-5,497,933	03-12-1996	DeFonzo et al.
	AH7*	US-5,507,763	04-16-1996	Petersen et al.
	AI7*	US-5,514,139	05-07-1996	Goldstein et al.
	AJ7*	US-5,514,143	05-07-1996	Bonutti et al.
	AK7*	US-5,520,692	05-28-1996	Ferrante
	AL7*	US-5,520,694	05-28-1996	Dance et al.
	AM7*	US-5,522,897	06-04-1996	King et al.
	AN7*	US-5,540,695	07-30-1996	Levy
	AO7*	US-5,545,222	08-13-1996	Bonutti
	AP7*	US-5,546,720	08-20-1996	LaBruzza
	AQ7*	US-5,549,683	08-27-1996	Bonutti
	AR7*	US-5,554,169	09-10-1996	Green et al.
	AS7*	US-5,569,163	10-29-1996	Francis et al.
	AT7*	US-5,569,261	10-29-1996	Marik et al.
	AU7*	US-5,570,700	11-05-1996	Vogeler
	AV7*	US-5,578,039	11-26-1996	Vendrely et al.
	AW7*	US-5,593,448	01-14-1997	Dong
	AX7*	US-5,597,379	01-28-1997	Haines et al.
	AY7*	US-5,608,052	03-04-1997	Zmitek et al.
	AZ7*	US-5,609,603	03-11-1997	Linden
	AA8*	US-5,624,463	04-29-1997	Stone et al.
	AB8*	US-5,632,745	05-27-1997	Schwartz
	AC8*	US-5,643,272	07-01-1997	Haines et al.
	AD8*	US-5,649,946	07-22-1997	Bramlet
	AE8*	US-5,649,947	07-22-1997	Auerbach et al.
	AF8*	US-5,653,714	08-05-1997	Dietz et al.
	AG8*	US-5,659,947	08-26-1997	Eilers et al.
	AH8*	US-5,662,710	09-02-1997	Bonutti
	AI8*	US-5,667,069	09-16-1997	Williams, Jr.
	AJ8*	US-5,667,511	09-16-1997	Vendrely et al.
	AK8*	US-5,667,512	09-16-1997	Johnson
	AL8*	US-5,667,520	09-16-1997	Bonutti
	AM8*	US-5,681,316	10-28-1997	DeOrio et al.
	AN8*	US-5,683,398	11-04-1997	Carls et al.
	AO8*	US-5,688,280	11-18-1997	Booth, Jr. et al.
	AP8*	US-5,694,693	12-09-1997	Hutchins et al.
	AQ8*	US-5,702,447	12-30-1997	Walch et al.
	AR8*	US-5,702,475	12-30-1997	Zahedi et al.

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/JLS/	AS8*	US-5,704,941	01-06-1998	Jacober et al.
	AT8*	US-5,707,350	01-13-1998	Krause et al.
	AU8*	US-5,712,543	01-27-1998	Sjostrom
	AV8*	US-5,716,360	02-10-1998	Baldwin et al.
	AW8*	US-5,718,708	02-17-1998	Webb
	AX8*	US-5,720,752	02-24-1998	Elliott et al.
	AY8*	US-5,723,331	03-03-1998	Tubo et al.
	AZ8*	US-5,733,292	03-31-1998	Gustilo et al.
	AA9*	US-5,749,876	05-12-1998	Duvillier et al.
	AB9*	US-5,755,731	05-26-1998	Grinberg
	AC9*	US-5,755,791	05-26-1998	Whitson et al.
	AD9*	US-5,755,803	05-26-1998	Haines et al.
	AE9*	US-5,769,855	06-23-1998	Bertin et al.
	AF9*	US-5,769,899	06-23-1998	Schwartz et al.
	AG9*	US-5,772,594	06-30-1998	Barnick
	AH9*	US-5,788,700	08-04-1998	Morawa et al.
	AI9*	US-5,810,827	09-22-1998	Haines et al.
	AJ9*	US-5,817,109	10-06-1998	McGarry et al.
	AK9*	US-5,842,477	12-01-1998	Naughton et al.
	AL9*	US-5,846,931	12-08-1998	Hattersley et al.
	AM9*	US-5,860,981	01-19-1999	Bertin et al.
	AN9*	US-5,866,415	02-02-1999	Villeneuve
	AO9*	US-5,871,493	02-16-1999	Sjostrom et al.
	AP9*	US-5,879,354	03-09-1999	Haines et al.
	AQ9*	US-5,888,219	03-30-1999	Bonutti
	AR9*	US-5,899,914	05-04-1999	Zirps et al.
	AS9*	US-5,908,424	06-01-1999	Bertin et al.
	AT9*	US-5,911,723	06-15-1999	Ashby et al.
	AU9*	US-5,913,874	06-22-1999	Berns et al.
	AV9*	US-5,916,219	06-29-1999	Matsuno et al.
	AW9*	US-5,921,990	07-13-1999	Webb
	AX9*	US-5,925,049	07-20-1999	Gustilo et al.
	AY9*	US-5,961,499	10-05-1999	Bonutti et al.
	AZ9*	US-5,997,566	12-07-1999	Tobin
	AAA*	US-6,007,537	12-28-1999	Burkinshaw et al.
	ABA*	US-6,012,456	01-11-2000	Schuerch
	ACA*	US-6,015,419	01-18-2000	Strome et al.
	ADA*	US-6,019,767	02-01-2000	Howell
	AEA*	US-6,022,350	02-08-2000	Ganem et al.
	AFA*	US-6,024,746	02-15-2000	Katz
	AGA*	US-6,056,754	05-02-2000	Haines et al.
	AHA*	US-6,059,817	05-09-2000	Bonutti et al.
	AIA*	US-6,059,831	05-09-2000	Braslow et al.
↓	AJA*	US-6,063,095	05-16-2000	Wang et al.
	AKA*	US-6,077,270	06-20-2000	Katz
	/JLS/ ALA*	US-6,077,287	06-20-2000	Taylor et al.

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				Examiner Name	J. L. Swiger
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Examiner Signature	/James L. Swiger/	Date Considered	12/11/2007
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Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/730,456-Conf. #2923
				Filing Date	December 8, 2003
				First Named Inventor	Robert Metzger
				An Unit	3733
				Examiner Name	J. L. Swiger
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/JLS/	ACC*	US-6,635,073	10-21-2003	Bonutti	
	AHC*	US-6,673,077	01-06-2004	Katz	
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		Country Code ² -Number ³ -Kind Code ⁴ (if known)			
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/JLS/	CA	"AGC 3000 Intramedullary Surgical Technique Using PMMA Fixation," 1987, Biomet, Inc.			
	CB	"AGC Distal Fem Cutter for Dr. Hardy," Biomet, Inc., June 22, 1989			
	CC	"AGC Traditional Surgical Overview", copyright 2001 Biomet Orthopedics, Inc.			
	CD	"AGC-S Total Knee System, Surgical Technique for the AGC-S Total Knee System," 1992, Biomet, Inc.			
	CE	"Anatomic Axial Alignment Instrumentation," 1994, Biomet, Inc.			
	CF	"The AGC Revision Knee System Surgical Technique," 1997 Biomet, Inc.			
↓	CG	Genus, brochure entitled "Uni Knee System," Biomet, Inc., 11/15/1998			
	CH	Insall/Burstein II Modular Knee System by Zimmer, Inc. copyright 1989			
/JLS/	CI	Keys, Graham W., "Reduced Invasive Approach for Oxford II Medial Unicompartmental Knee			

Examiner Signature	/James L. Swiger/	Date Considered	12/11/2007
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				Examiner Name	J. L. Swiger
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		Replacement – a Preliminary Study," The Knee, (1999) pp. 193-196	
/JLS/	CJ	Microplasty™ minimally invasive knee instruments brochure, "Surgical Technique for the Maxim®, Ascent™ and Vanguard™ Total Knee Systems, Biomet Orthopedics, Inc., 2/29/2004	
	CK	MIS Minimally Invasive Solution - The M/G Unicompartmental Knee by Zimmer, 4 sheets	
	CL	MIS Minimally Invasive Solution The M/G Unicompartmental Knee Minimally Invasive Surgical Technique, by Zimmer, copyright 2000 (pp. 1-27)	
	CM	Nex Gen Complete Knee Solution-Intramedially Instrumentation Surgical Technique-For the NexGen Cruciate Retaining & Legacy Posterior Stabilized Knee-Publication date unknown, but before August 1, 2001	
	CN	NexGen Complete Knee Solution-Extramedullary/Intramedullary Tibial Resector Surgical Technique-Publication date unknown, but before August 1, 2001	
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	CP	NexGen Complete Knee Solution-Surgical Technique for the LPS-Flex Fixed Bearing Knee-Publication date unknown, but before August 1, 2001	
	CQ	NexGen System Complete Knee Solution - Design Rationale - publication date unknown	
	CR	Scorpio! Single Axis Total Knee System - Passport Total Knee Instruments - Passport A.R. Surgical Technique by Stryker Howmedica Osteonics, Copyright 2000	
	CS	Simple Instruments Surgical Technique for the Knee, copyright 2000 Biomet, Inc.	
▼	CT	Surgical Navigation for Total Knee Arthroplasty-Believed to have been presented at the American Academy of Orthopedic Surgeons in February 2001	
/JLS/	CU	The Oxford, brochure entitled "Unicompartmental Knee System", Biomet Orthopedics, Inc., 7/15/2004	

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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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